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## **ABSTRACT**

## N-ALKYL AMMONIUM ACETONITRILE SALTS, METHODS THEREFORE AND COMPOSITIONS THEREWITH

Substantially solid compositions are provided having therein a compound with the structure of Formula I

## FORMULA I

$$A \qquad \qquad \stackrel{R_1}{\longrightarrow} CR_2R_3C \Longrightarrow N \cdot Y^{\Theta} \cdot ZH_2O$$

wherein A is a saturated ring formed by a plurality of atoms in addition to the  $N_1$  atom, the saturated ring atoms including at least one carbon atom and at least one of O, S, and N atoms, the substituent  $R_1$  bound to the  $N_1$  atom of the Formula I structure including either (a) a  $C_{1-24}$  alkyl or alkoxylated alkyl where the alkoxy is  $C_{2-4}$ , (b) a  $C_{4-24}$  cycloalkyl, (c) a  $C_{7-24}$  alkaryl, (d) a repeating or nonrepeating alkoxy or alkoxylated alcohol, where the alkoxy unit is  $C_{2-4}$ , or (e)  $-CR_2R_3C\equiv N$  where  $R_2$ and  $R_3$  are each H, a  $C_{1-24}$  alkyl, cycloalkyl, or alkaryl, or a repeating or nonrepeating alkoxyl or alkoxylated alcohol where the alkoxy unit is  $C_{2-4}$ , the  $R_2$  and  $R_3$ substituents being each H, a C1-24 alkyl, cycloalkyl, or alkaryl, or a repeating or nonrepeating alkoxyl or alkoxylated alcohol where the alkoxy unit is C2-4, Z is a value in the range of 0 to 10, and wherein Y is monovalent or multivalent and is sulfate, bisulfate, tosylate, or mixtures of sulfate and bisulfate as These compositions have reduced water counterion. uptake due to the Formula I compound. The compositions

are particularly well suited to bleaching and cleaning compositions formulated to include a source of active oxygen.